

- reference plane when the bracket takes a first attitude, said restriction cam protruding outside the imaginary reference plane when the bracket takes a second attitude established through rotation by 90 degrees around the rotation axis from the first attitude; and
- a recess formed on the perpendicular surface, said recess receiving the restriction cam protruding outside the imaginary reference plane.
2. The bi-axial swivel assembly according to claim 1, wherein the support member supports the tube at a position off the longitudinal axis of the support shaft.
3. A cellular phone terminal comprising:
- first and second enclosures;
- a pair of coaxial bearings attached to the first enclosure at positions distanced from each other;
- a pair of support shafts respectively supported on the bearings for relative rotation;
- a first hollow space extending at least within one of the support shafts in an axial direction of the support shaft, said first hollow space penetrating through the bearing corresponding to the one of the support shafts;
- a support member interposed between the support shafts, said support member coupled with the support shafts based on integral formation;
- a tube supported on the support member, said tube extending along a rotation axis perpendicular to an imaginary plane including a longitudinal axis of the support shaft;
- a second hollow space extending within the tube in an axial direction of the tube, said second hollow space penetrating through at least the support member;
- a bracket supported on the tube for relative rotation around the rotation axis;
- a perpendicular surface defined on at least one of the bearings along an imaginary reference plane perpendicular to the longitudinal axis of the support shaft;
- a restriction cam coupled to the bracket, said restriction cam extending in a centrifugal direction of the rotation axis, said restriction cam lying inside the imaginary reference plane when the bracket takes a first attitude, said restriction cam protruding outside the imaginary reference plane when the bracket takes a second attitude established through rotation by 90 degrees around the rotation axis from the first attitude; and
- a recess formed on the perpendicular surface, said recess receiving the restriction cam protruding outside the imaginary reference plane.

* * * * *